

# BELZONA REPAIRS A CLASSIFIER AND SAVES THE CUSTOMER THOUSANDS IN REPLACEMENT COSTS

ID: 258

Industry: Water / Wastewater

Customer Location: Water Treatment Plant - New Mexico  
U.S.A.

Application: SHM-Solids Handling Machinery

Application Date: July 2001

Substrate: Steel

Products: \* Belzona® 1111 (Super Metal) ,  
\* Belzona® 2111 (D&A Hi-Build Elastomer) ,

## Problem

The rubber donut type ring was designed too small allowing the adjacent steel to wear through.



## Photograph Descriptions

- \* An overview of the equipment ,
- \* A close-up of the damage ,
- \* The surface is being prepared ,
- \* The completed repair ,

## Application Situation

Solids classifier in the grit removal system.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet SHM-9.

## Belzona Facts

Belzona® 1111 (Super Metal) was used to bond several steel patches where the steel had worn through. Then Belzona® 2111 (D&A Hi-Build Elastomer) was used to re-create a durable donut replacement. Alternatives included replacement of equipment at \$14,000 each. Welding would have ruined the existing rubber donuts. The Belzona Solution was only \$600 for each classifier.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

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